

*A5
cancel*

(a) a stationary support element rigidly mounted to said floor of said body of water;

*SUB
B1
cancel*

(b) a buoyancy apparatus including a buoy portion having formed therewith a wave energy collection apparatus in the form of a cavity integrally formed therewith, said cavity having an opening facing the direction of advancement of oncoming waves;

(c) a coupling apparatus for hingedly connecting said buoyancy apparatus to said stationary support element so as to be pivotal in a generally vertical plane with respect to said stationary support element;

(d) at least one piston apparatus for compressing and drawing a hydraulic fluid when said piston apparatus is contracted or extended, correspondingly, said piston apparatus being hinged at one end to said stationary support, and hinged at another end in association with said coupling apparatus, operative to move in response to movement of said buoyancy apparatus;

(e) a hydraulic motor having an energy output; and

(f) a piping system coupling said hydraulic fluid in said piston apparatus to said hydraulic motor, wherein said hydraulic fluid is transported via pumping action through said piping system to operate said hydraulic motor, said pumping action taking place during both contraction and expansion of said piston apparatus.

Kindly amend claim 5, as follows:

*A6
cont.*

5. (Once amended) A system for conversion of wave energy in a body of water having a floor, including:

*SUB
B2*

(a) a stationary support element rigidly mounted to said floor of said body of water;

Al
cont.

(b) a buoyancy apparatus including a buoy portion having formed therewith a wave energy collection apparatus in the form of a cavity integrally formed therewith, said cavity having an opening facing the direction of advancement of oncoming waves;

Sub
B2
cont.

(c) a coupling apparatus for hingedly connecting said buoyancy apparatus to said stationary support element wherein said buoyancy apparatus is pivotal in a vertical plane with respect to a predetermined axis in said stationary support element, said coupling apparatus includes at least two parallel support arms, each of which is hinged to said stationary element and to said buoyancy apparatus, wherein each of said support arms is pivotal in a vertical plane about said stationary support element and said buoyancy apparatus, wherein corresponding portions of each of said support arms between its hinges are of an equal length, and wherein said buoyancy apparatus is free to move along at least a portion of a circular path described with respect to said stationary support element, in said generally vertical plane, while said buoy portion is retained above said collection apparatus,

and wherein at least one of said support arms includes a counterbalancing weight extending outwardly from said predetermined axis away from said buoyancy apparatus;

(d) at least one piston apparatus for compressing and drawing a hydraulic fluid when said piston apparatus is contracted or extended, correspondingly, said piston apparatus being hinged at one end to said stationary support, and hinged at another end in association with said coupling apparatus, operative to move in response to movement of said buoyancy apparatus;